



# Guam Waterworks Authority (VP0989)

## CWA Collection System

Tumon, Guam

NEIC Field Investigation Photographs  
April 24 through May 4



### Overview Map



File Name: RIMG0001.JPG



## Attributes

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Latitude	[REDACTED]
Longitude	[REDACTED]
Photo Direction	[REDACTED]
Elevation	[REDACTED]
Date Time Stamp	4/25/2012 10:25:12 AM
Photographer	D. Vanlerberghe
Description	Chaligan pump station standby generator

File Name: RIMG0002.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/25/2012 10:26:47 AM
Photographer	D. Vanlerberghe
Description	Chaligan pump station building



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 10:30:20 AM
Photographer	D. Vanlerberghe
Description	Chaligan pump station, showing storm drain inlet on northwest side of building, which may drain to pump station wet well

File Name: RIMG0004.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/25/2012 10:52:28 AM
Photographer	D. Vanlerberghe
Description	Agat WWTP influent manhole trash pump

File Name: RIMG0005.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/25/2012 11:22:52 AM
Photographer	D. Vanlerberghe
Description	Trash pump pipeline into pre-aeration chamber at Agat WWTP

File Name: RIMG0006.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 11:42:00 AM
Photographer	D. Vanlerberghe
Description	Standby generator, Ga'an pump station

File Name: RIMG0007.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 11:43:02 AM
Photographer	D. Vanlerberghe
Description	View inside Ga'an pump station building

File Name: RIMG0008.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 11:44:47 AM
Photographer	D. Vanlerberghe
Description	Ga'an pump station building

File Name: RIMG0009.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 1:36:03 PM
Photographer	D. Vanlerberghe
Description	Manhole directly across the road from Merizo pump station No. 12, on east side of road, near roadside storm ditch. Manhole was exposed and damaged, with potential for direct inflow into manhole below the manhole collar.

File Name: RIMG0010.JPG



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 1:38:23 PM
Photographer	D. Vanlerberghe
Description	Manhole directly across the road from Merizo pump station No. 12, on east side of road, near roadside storm ditch. Manhole was exposed and damaged, with potential for direct inflow into manhole below the manhole collar.

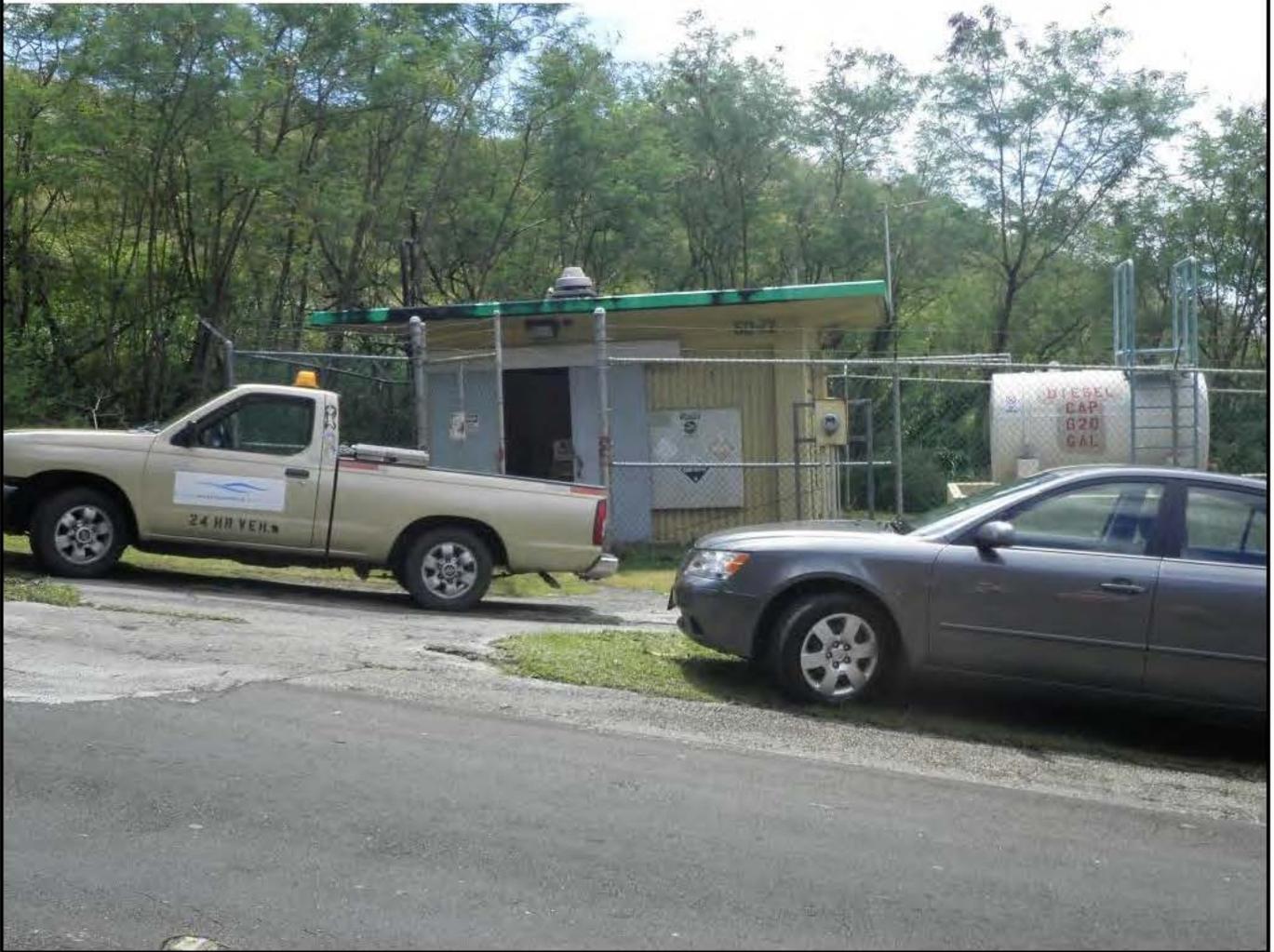
File Name: RIMG0011.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/25/2012 1:39:48 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Manhole directly across the road from Merizo pump station No. 12, on east side of road, near roadside storm ditch. Manhole was exposed and damaged, with potential for direct inflow into manhole below the manhole collar.

File Name: RIMG0012.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 1:41:41 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 12

File Name: RIMG0013.JPG



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 1:43:45 PM
Photographer	D. Vanlerberghe
Description	Second manhole near Merizo pump station No. 12, on east side of road near a roadside ditch, subject to potential direct inflow into sewer system.

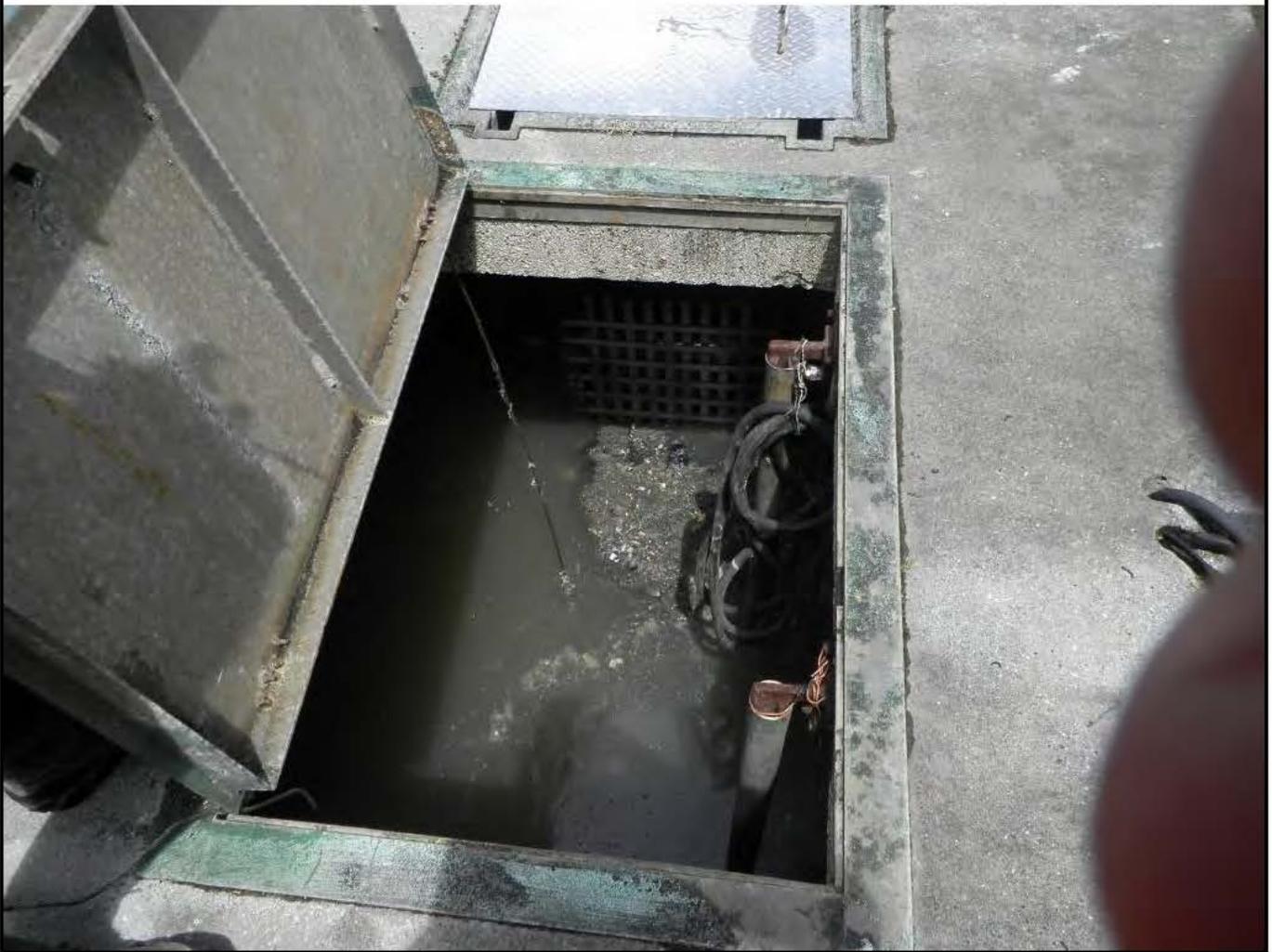
File Name: RIMG0014.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 1:48:51 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 12 pump housing and wet well

File Name: RIMG0015.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 1:50:10 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 12 view inside wet well



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:03:52 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 14 standby generator

File Name: RIMG0017.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:04:46 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 14 pump housing and wet well

File Name: RIMG0018.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:15:37 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 14 building

File Name: RIMG0019.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:25:21 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 17 building

File Name: RIMG0020.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:26:48 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 17 pump housing and wet well

File Name: RIMG0021.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:44:49 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 18 building



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:45:52 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 18 pump housing and wet well

File Name: RIMG0023.JPG



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/25/2012 2:47:41 PM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 18 standby generator

File Name: RIMG0024.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 9:51:58 AM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 13, influent to Umatac WWTP

File Name: RIMG0025.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 10:02:59 AM
Photographer	D. Vanlerberghe
Description	Merizo pump station No. 13 standby generator

File Name: RIMG0026.JPG



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 10:20:34 AM
Photographer	D. Vanlerberghe
Description	Emergency overflow pipe from lagoon at Umatac WWTP

File Name: RIMG0027.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/26/2012 10:23:11 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Inlet pipe for emergency overflow for lagoon at Umatac WWTP

File Name: RIMG0028.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/26/2012 10:26:11 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Outlet from emergency overflow from lagoon at Umatac WWTP, pipes to unnamed stream in background

File Name: RIMG0029.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 10:42:08 AM
Photographer	D. Vanlerberghe
Description	Recirculation pump station No. 20 for percolation beds at Umatac WWTP

File Name: RIMG0030.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 10:47:24 AM
Photographer	D. Vanlerberghe
Description	Top of percolation bed field A, pump station No. 20 in background at Umatac WWTP

File Name: RIMG0031.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 11:09:14 AM
Photographer	D. Vanlerberghe
Description	Pump station No. 19 pumps at Umatac WWTP for pumping lagoon effluent to percolation beds

File Name: RIMG0032.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 11:14:50 AM
Photographer	D. Vanlerberghe
Description	Pump station No. 19 standby generator at Umatac WWTP

File Name: RIMG0033.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 11:19:03 AM
Photographer	D. Vanlerberghe
Description	Pump station No. 19 building at Umatac WWTP

File Name: RIMG0034.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/26/2012 12:05:55 PM
Photographer	D. Vanlerberghe
Description	Inarajan lift pump station standby generator

File Name: RIMG0035.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 12:08:20 PM
Photographer	D. Vanlerberghe
Description	Inarajan lift pump station pump housing and wet well

File Name: RIMG0036.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/26/2012 12:11:47 PM
Photographer	D. Vanlerberghe
Description	Inarajan lift pump station building

File Name: RIMG0037.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 12:20:50 PM
Photographer	D. Vanlerberghe
Description	Sampling equipment at Inarajan main pump station, including flow meter totalizer and automatic sampler

File Name: RIMG0038.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/26/2012 12:22:49 PM
Photographer	D. Vanlerberghe
Description	Inarajan main pump station standby generator

File Name: RIMG0039.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/26/2012 12:24:48 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Inarajan main pump station building

File Name: RIMG0040.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 10:09:43 AM
Photographer	D. Vanlerberghe
Description	Fujita pump station, showing diesel fuel tank and surge control tank in background

File Name: RIMG0041.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 10:10:32 AM
Photographer	D. Vanlerberghe
Description	Fujita pump station stanby generator

File Name: RIMG0042.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/27/2012 10:11:08 AM
Photographer	D. Vanlerberghe
Description	Fujita pump station wet well, showing level sensor and float

File Name: RIMG0043.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
<b>Date Time Stamp</b>	4/27/2012 10:12:00 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Fujita pump station wet well, showing level sensor and float



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 10:13:37 AM
Photographer	D. Vanlerberghe
Description	Fujita pump station SCADA control panel

File Name: RIMG0045.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/27/2012 10:15:56 AM
Photographer	D. Vanlerberghe
Description	Fujita pump station pumps

File Name: RIMG0046.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/27/2012 10:24:23 AM
Photographer	D. Vanlerberghe
Description	Fujita pump station building

File Name: RIMG0047.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 10:53:13 AM
Photographer	D. Vanlerberghe
Description	Route 16 pump station standby generator

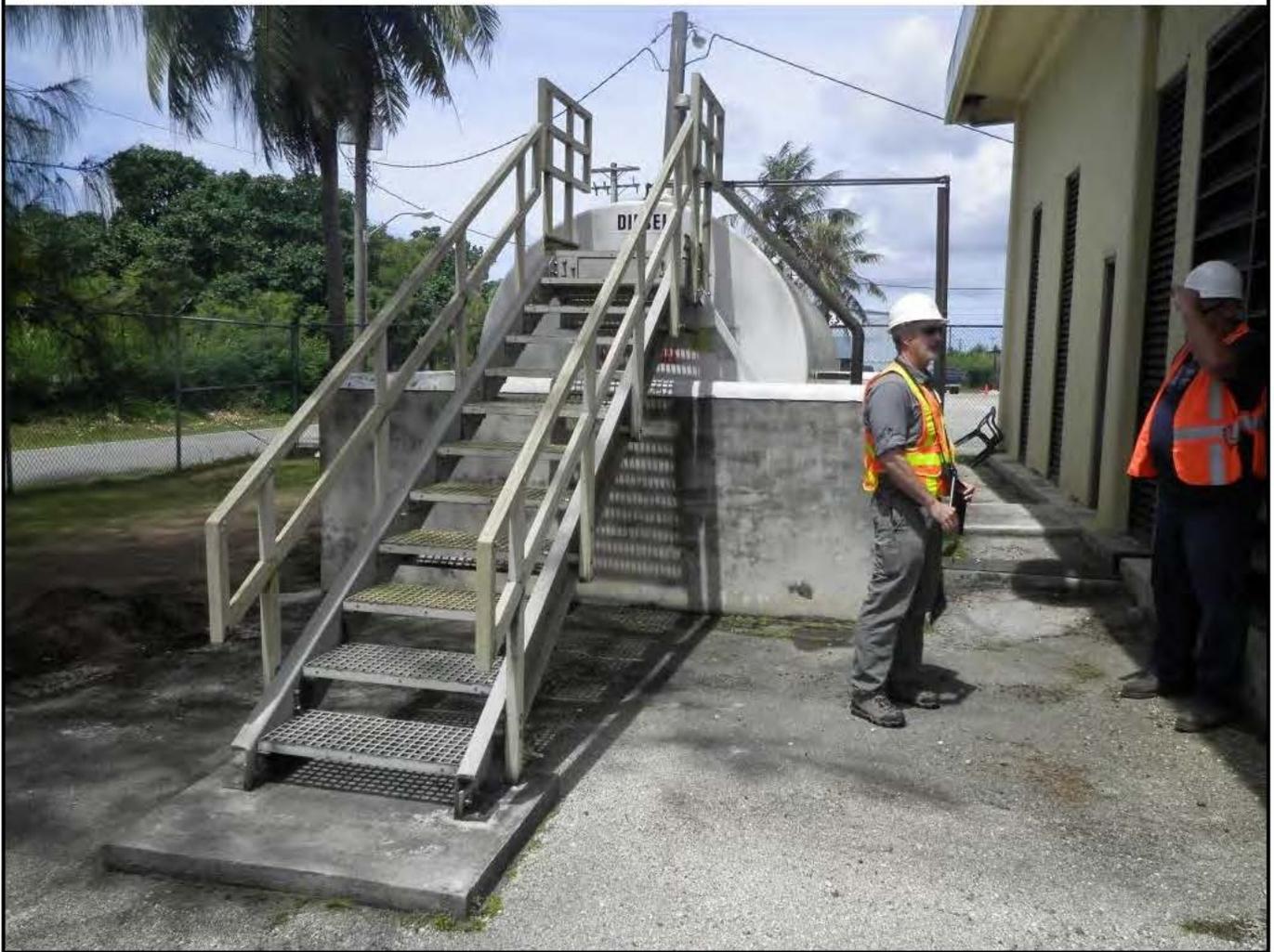
File Name: RIMG0048.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 10:54:48 AM
Photographer	D. Vanlerberghe
Description	Route 16 pump station pumps

File Name: RIMG0049.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 10:57:23 AM
Photographer	D. Vanlerberghe
Description	Route 16 pump station diesel fuel tank

File Name: RIMG0050.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 11:09:18 AM
Photographer	D. Vanlerberghe
Description	Route 16 pump station building

File Name: RIMG0051.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 1:34:25 PM
Photographer	D. Vanlerberghe
Description	Double Trouble pump station standby generator

File Name: RIMG0052.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 1:35:23 PM
Photographer	D. Vanlerberghe
Description	Double Trouble pump station diesel fuel tank

File Name: RIMG0053.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 1:35:56 PM
Photographer	D. Vanlerberghe
Description	Double Trouble pump station pump control room

File Name: RIMG0054.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	4/27/2012 1:38:53 PM
Photographer	D. Vanlerberghe
Description	Double Trouble pump station building

File Name: RIMG0055.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 1:53:54 PM
Photographer	D. Vanlerberghe
Description	PGD pump station standby generator

File Name: RIMG0056.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 2:00:21 PM
Photographer	D. Vanlerberghe
Description	PGD pump station wet well

File Name: RIMG0057.JPG

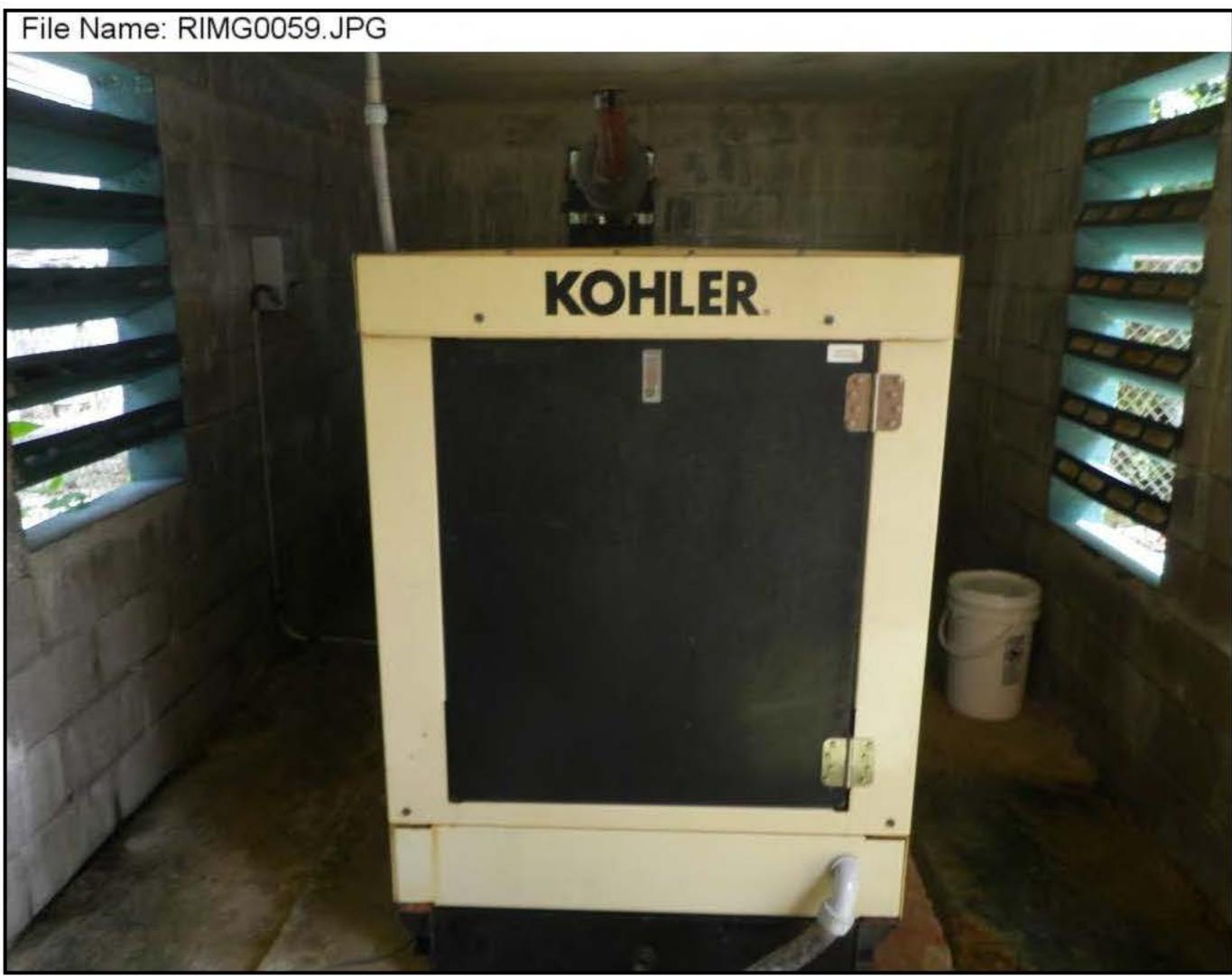


**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 2:06:43 PM
Photographer	D. Vanlerberghe
Description	PGD pump station building



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 2:20:56 PM
Photographer	D. Vanlerberghe
Description	Hafa Adai pump station wet well



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 2:21:40 PM
Photographer	D. Vanlerberghe
Description	Hafa Adai pump station standby generator

File Name: RIMG0060.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 2:23:03 PM
Photographer	D. Vanlerberghe
Description	Hafa Adai pump station building

File Name: RIMG0061.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 2:50:53 PM
Photographer	D. Vanlerberghe
Description	Santa Ana pump station wet well and out-of-service standby generator

File Name: RIMG0062.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
<b>Date Time Stamp</b>	4/27/2012 2:55:11 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Santa Ana pump station building, showing adjacent ponding basin area. Overflows from the wet well would flows outside of building and into the adjacent ponding basin, according to GWA staff.



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/27/2012 2:55:24 PM
Photographer	D. Vanlerberghe
Description	Santa Ana pump station, showing liquified petroleum gas tank used in the past for the standby generator.

File Name: RIMG0064.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/30/2012 9:55:15 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Agana Heights ponding basin

File Name: RIMG0065.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
<b>Date Time Stamp</b>	4/30/2012 9:56:57 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Agana Heights ponding basin

File Name: RIMG0066.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 10:02:18 AM
Photographer	D. Vanlerberghe
Description	Manhole near Agana Heights ponding basin

File Name: RIMG0067.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 10:03:43 AM
Photographer	D. Vanlerberghe
Description	Storm drain near Agana Heights ponding basin

File Name: RIMG0068.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/30/2012 10:18:26 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Manhole in Route 4, downstream of New Chaot pump station. Frequent overflows occur from this manhole due to pipe capacity and operational issues at the New Chaot pump station.

File Name: RIMG0069.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/30/2012 10:18:43 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Manhole in Route 4, downstream of New Chaot pump station. Frequent overflows occur from this manhole due to pipe capacity and operational issues at the New Chaot pump station.

File Name: RIMG0070.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
<b>Date Time Stamp</b>	4/30/2012 10:21:07 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Manhole in Route 4, downstream of New Chaot pump station. Frequent overflows occur from this manhole due to pipe capacity and operational issues at the New Chaot pump station.

File Name: RIMG0071.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 10:28:06 AM
Photographer	D. Vanlerberghe
Description	Manhole in Route 4 adjacent to water well A-23

File Name: RIMG0072.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 12:41:21 PM
Photographer	D. Vanlerberghe
Description	Old (background) and New (foreground) Chaot pump stations, showing adjacent fuel line on the right. The Old Chaot pump station is no longer in service.

File Name: RIMG0073.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 12:43:27 PM
Photographer	D. Vanlerberghe
Description	Manhole adjacent to New Chaot pump station and unnamed stream ditch on incoming pipeline to pump station. The manhole lid was open with sign of debris and overflow from the manhole towards the unnamed stream ditch.

File Name: RIMG0074.JPG



## Attributes

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 12:44:52 PM
Photographer	D. Vanlerberghe
Description	Manhole adjacent to New Chaot pump station and unnamed stream ditch on incoming pipeline to pump station. The manhole lid was open with sign of debris and overflow from the manhole towards the unnamed stream ditch.

File Name: RIMG0075.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/30/2012 12:45:50 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Manhole adjacent to New Chaot pump station and unnamed stream ditch on incoming pipeline to pump station. The manhole lid was open with sign of debris and overflow from the manhole towards the unnamed stream ditch.

File Name: RIMG0076.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 1:06:17 PM
Photographer	D. Vanlerberghe
Description	Incoming pipeline to New Chaot pump station.

File Name: RIMG0077.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 1:07:26 PM
Photographer	D. Vanlerberghe
Description	Incoming line to New Chaot pump station.

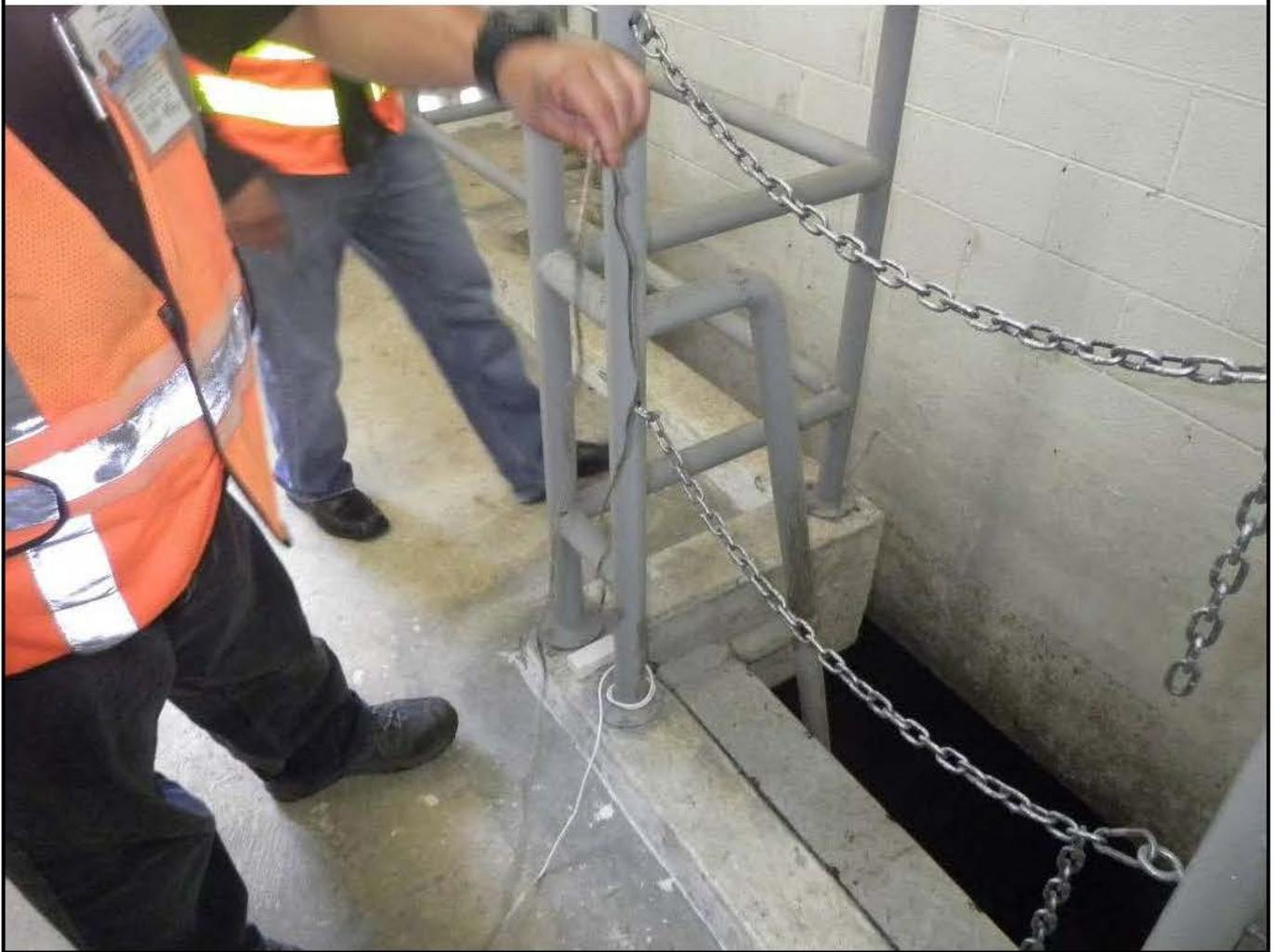
File Name: RIMG0078.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/30/2012 1:09:54 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Manhole adjacent to New Chaot pump station and unnamed stream ditch on incoming pipeline to pump station. The manhole lid was open with sign of debris and overflow from the manhole towards the unnamed stream ditch.

File Name: RIMG0079.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 1:16:01 PM
Photographer	D. Vanlerberghe
Description	New Chaot pump station wet well level sensor.

File Name: RIMG0080.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 1:26:26 PM
Photographer	D. Vanlerberghe
Description	New Chaot pump station pump control room.

File Name: RIMG0081.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 1:27:40 PM
Photographer	D. Vanlerberghe
Description	New Chaot pump station wet well level control floats

File Name: RIMG0082.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 1:29:06 PM
Photographer	D. Vanlerberghe
Description	New Chaot pump station standby generator

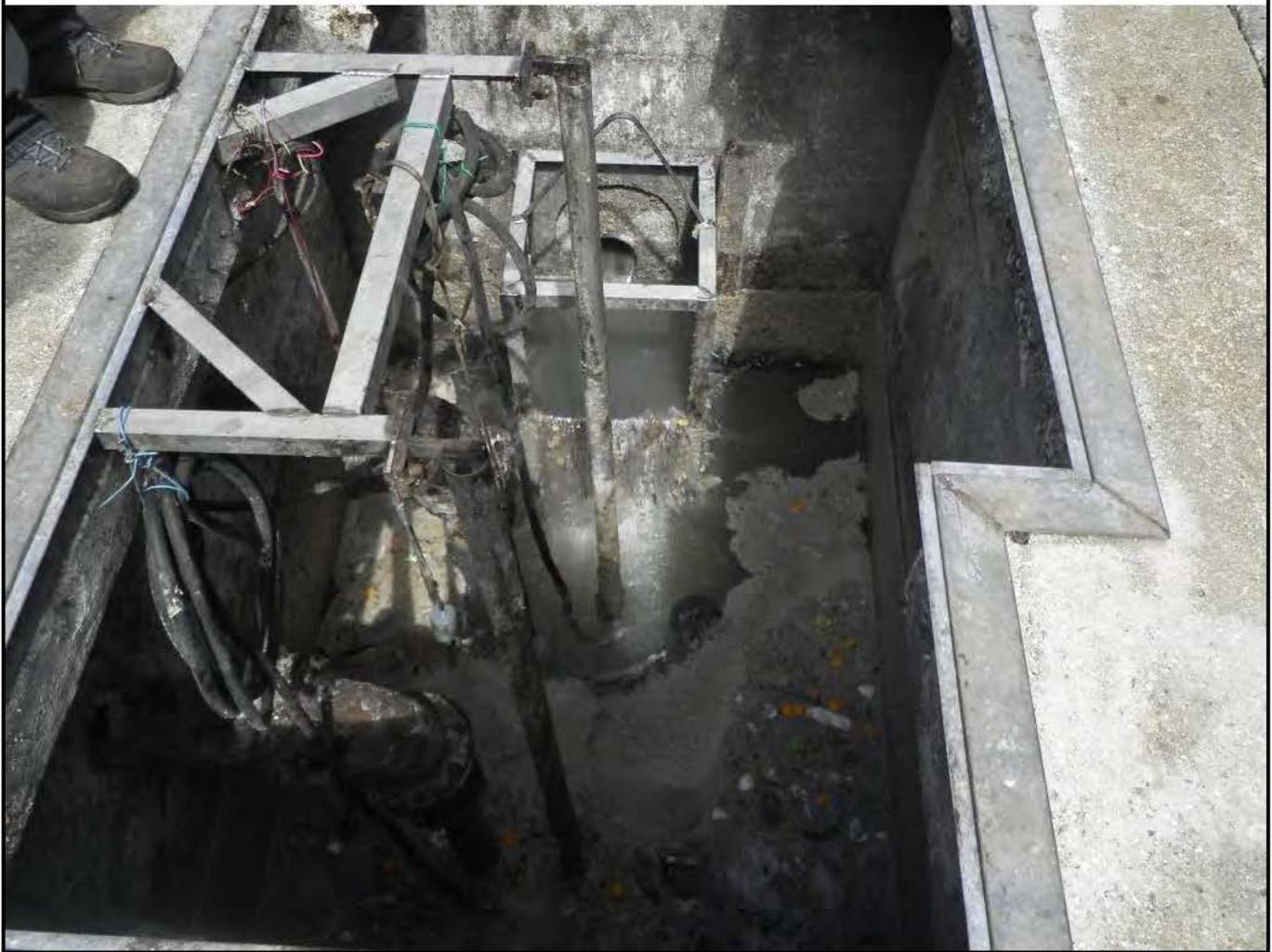
File Name: RIMG0083.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 1:35:13 PM
Photographer	D. Vanlerberghe
Description	New Chaot pump station building.

File Name: RIMG0084.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:21:00 PM
Photographer	D. Vanlerberghe
Description	Dairy Road pump station wet well.

File Name: RIMG0085.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/30/2012 2:24:43 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Dairy Road pump station check valve.

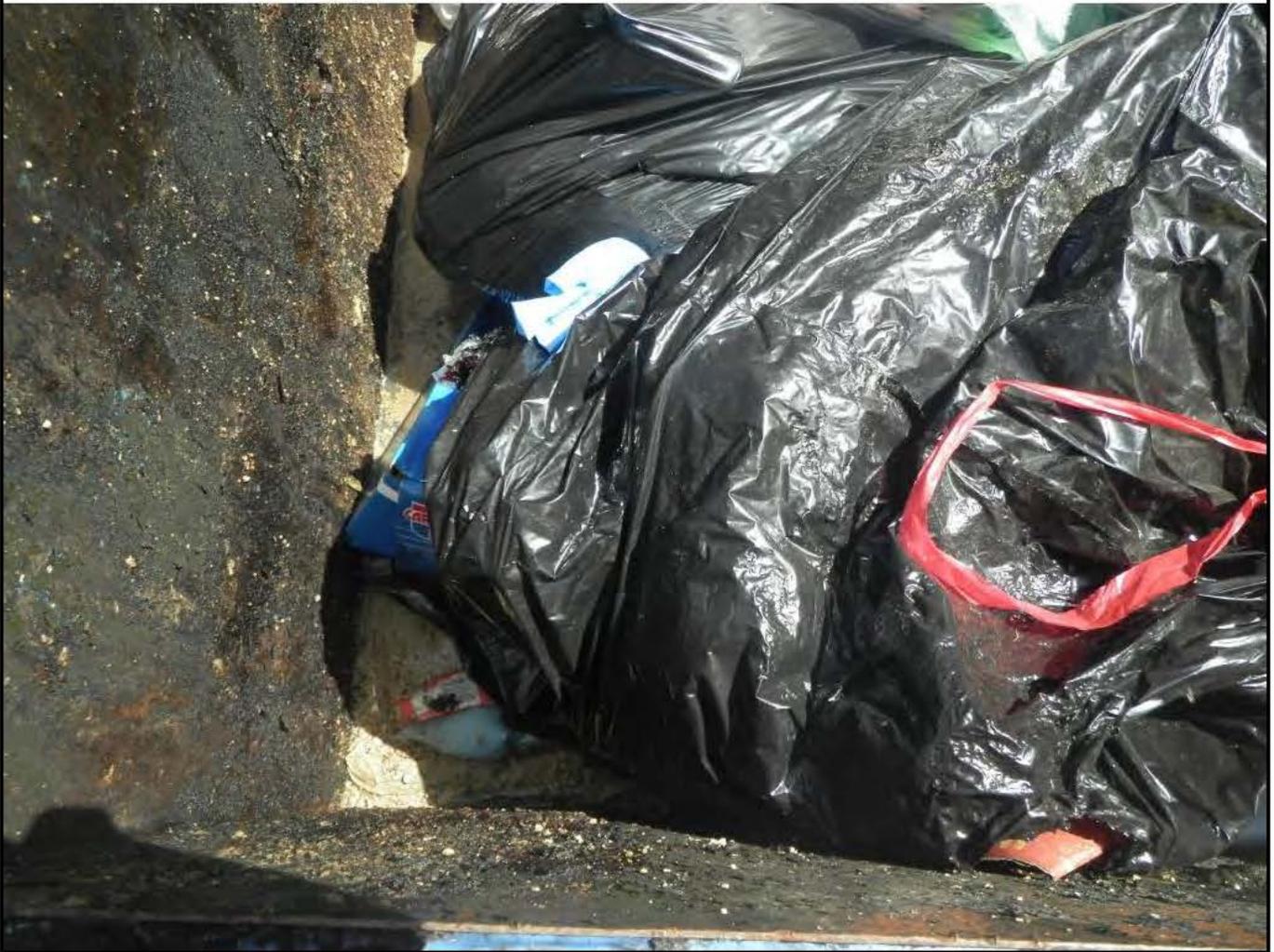
File Name: RIMG0086.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:26:15 PM
Photographer	D. Vanlerberghe
Description	Diary Road pump station wet well.

File Name: RIMG0087.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:29:03 PM
Photographer	D. Vanlerberghe
Description	Diary Road pump station trash bin for material from bar screen. Trash bin was about half full of grease.

File Name: RIMG0088.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:31:18 PM
Photographer	D. Vanlerberghe
Description	Diary Road pump station standby generator.

File Name: RIMG0089.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:31:59 PM
Photographer	D. Vanlerberghe
Description	Dairy Road pump station diesel fuel tank.

File Name: RIMG0090.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:36:59 PM
Photographer	D. Vanlerberghe
Description	Dairy Road pump station building.

File Name: RIMG0091.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:52:31 PM
Photographer	D. Vanlerberghe
Description	Mangilao pump station control room.

File Name: RIMG0092.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:53:25 PM
Photographer	D. Vanlerberghe
Description	Mangilao pump station wet well.

File Name: RIMG0093.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:53:45 PM
Photographer	D. Vanlerberghe
Description	Mangilao pump station wet well.

File Name: RIMG0094.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	4/30/2012 2:55:02 PM
Photographer	D. Vanlerberghe
Description	Mangilao pump station standby generator.

File Name: RIMG0095.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	4/30/2012 2:59:03 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Baseball field restroom (behind pavilion), near Mangilao pump station. Overflows occur at restroom due to issues at the pump station.

File Name: RIMG0096.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
<b>Date Time Stamp</b>	4/30/2012 3:28:41 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Mangilao pump station (on right) and baseball field restroom (on left). Overflows occur at restroom due to issues at the pump station.

File Name: RIMG0097.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/1/2012 9:24:34 AM
Photographer	D. Vanlerberghe
Description	Manholes downstream of New Chaot pump station in Route 4 where frequent overflows occur.

File Name: RIMG0098.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	5/1/2012 9:33:59 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	View inside manhole 940, in Route 4 downstream of the New Chaot pump station, where frequent overflows occur.



Attributes	
Title	
Subject	
Date Time Stamp	5/1/2012 9:38:33 AM
Photographer	D. Vanlerberghe
Description	View inside manhole 7635, in Route 4 downstream of the New Chaot pump station, where frequent overflows occur.

File Name: RIMG0100.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 9:40:30 AM
Photographer	D. Vanlerberghe
Description	Manhole 7635 (left) and manhole 940 (right), in Route 4 downstream of the New Chaot pump station, where frequent overflows occur.

File Name: RIMG0101.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/1/2012 10:13:23 AM
Photographer	D. Vanlerberghe
Description	Namo pump station ejectors in pump station pit

File Name: RIMG0102.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	5/1/2012 10:16:50 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Namo pump station air compressor, motor, and control room.

File Name: RIMG0103.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 10:18:58 AM
Photographer	D. Vanlerberghe
Description	Namo pump station building.

File Name: RIMG0104.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 10:21:03 AM
Photographer	D. Vanlerberghe
Description	Namo pump station, with manhole subject to overflows near storm drain (foreground).

File Name: RIMG0105.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 10:21:20 AM
Photographer	D. Vanlerberghe
Description	Namo pump station, manhole subject to overflows (left) near storm drain (right).

File Name: RIMG0106.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 10:45:05 AM
Photographer	D. Vanlerberghe
Description	Casimero pump station wet well.

File Name: RIMG0107.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 10:48:00 AM
Photographer	D. Vanlerberghe
Description	Casimero pump station controls.

File Name: RIMG0108.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	5/1/2012 10:48:32 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Casimero pump station area, with no building and no backup power.

File Name: RIMG0109.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 10:59:05 AM
Photographer	D. Vanlerberghe
Description	Mong Mong pump station standby generator and pump controls.



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 11:00:07 AM
Photographer	D. Vanlerberghe
Description	Mong Mong pump station pump access.

File Name: RIMG0111.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	5/1/2012 11:00:56 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Mong Mong pump station wet well manhole (foreground).

File Name: RIMG0112.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	5/1/2012 11:21:27 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Agana Main pump station pumps.

File Name: RIMG0113.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/1/2012 11:21:44 AM
Photographer	D. Vanlerberghe
Description	Agana Main pump station control room.

File Name: RIMG0114.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	5/1/2012 11:23:58 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Agana Main pump station wet well.

File Name: RIMG0115.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 11:26:14 AM
Photographer	D. Vanlerberghe
Description	Agana Main pump station stanby generator (fuel tank underneath generator).

File Name: RIMG0116.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/1/2012 11:28:51 AM
Photographer	D. Vanlerberghe
Description	Agana Main pump station building.

File Name: RIMG0117.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/1/2012 11:44:34 AM
Photographer	D. Vanlerberghe
Description	Mamajanao pump station building.

File Name: RIMG0118.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 11:49:19 AM
Photographer	D. Vanlerberghe
Description	Mamajanao pump station standby generator.



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 11:52:02 AM
Photographer	D. Vanlerberghe
Description	Mamajanao pump station controls.

File Name: RIMG0120.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 11:52:57 AM
Photographer	D. Vanlerberghe
Description	Mamajanao pump station pumps.

File Name: RIMG0121.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/1/2012 11:55:05 AM
Photographer	D. Vanlerberghe
Description	Mamajanao pump station standby generator.

File Name: RIMG0122.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
<b>Date Time Stamp</b>	5/1/2012 11:56:10 AM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Mamajanao pump station wet well.

File Name: RIMG0123.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 11:57:22 AM
Photographer	D. Vanlerberghe
Description	Mamajanao pump station diesel fuel tank.



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:17:43 PM
Photographer	D. Vanlerberghe
Description	Harmon pump station wet well.

File Name: RIMG0125.JPG



**Attributes**

<b>Title</b>	Guam Waterworks Authority (VP0989)
<b>Subject</b>	CWA Collection System
<b>Date Time Stamp</b>	5/1/2012 2:21:13 PM
<b>Photographer</b>	D. Vanlerberghe
<b>Description</b>	Harmon pump station standby generator with built-in fuel tank.



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:22:20 PM
Photographer	D. Vanlerberghe
Description	Harmon pump station manhole subject to overflows.

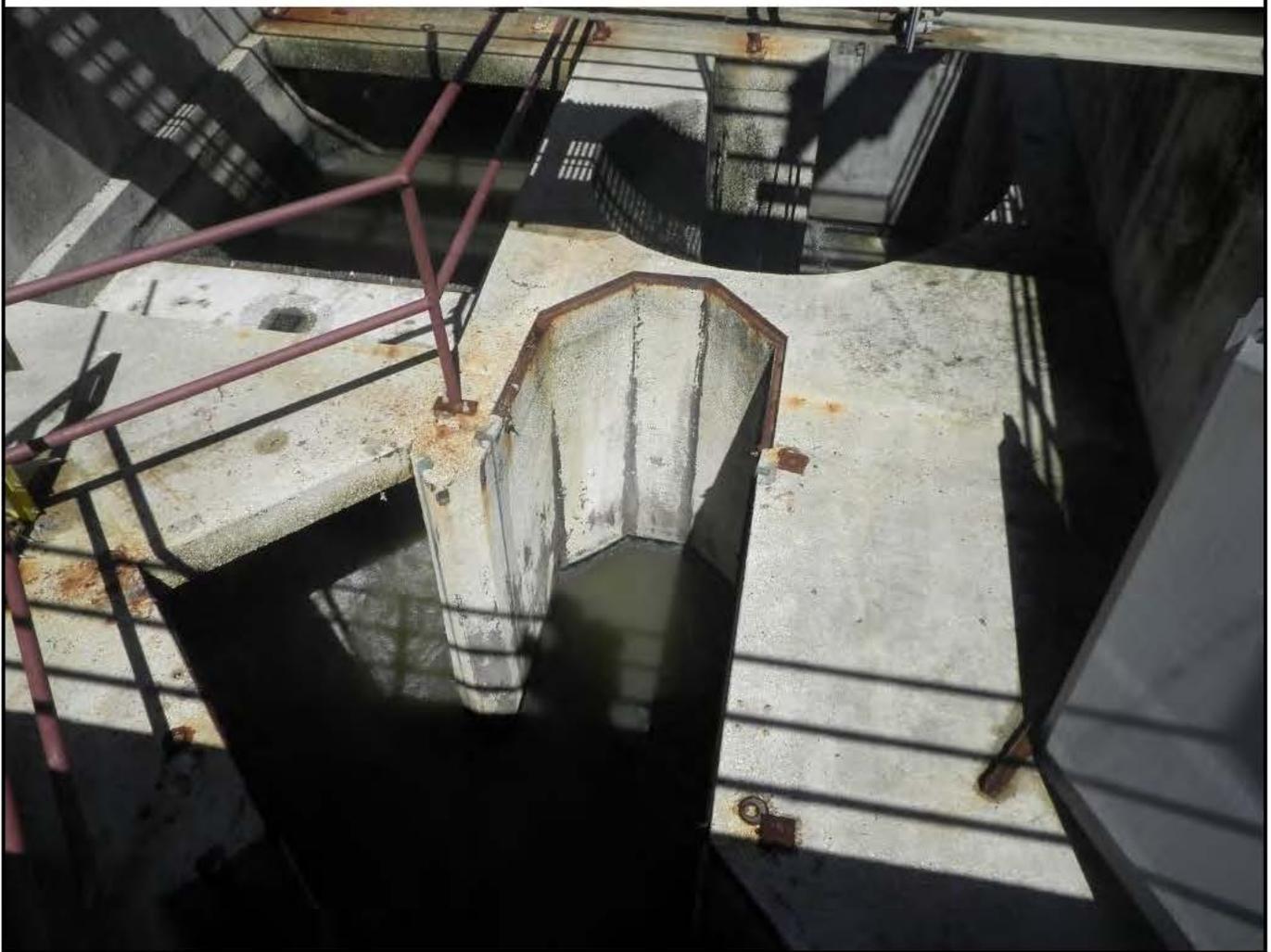
File Name: RIMG0127.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:23:32 PM
Photographer	D. Vanlerberghe
Description	Harmon pump station building.

File Name: RIMG0128.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:42:18 PM
Photographer	D. Vanlerberghe
Description	Southern Link pump station influent screening area.

File Name: RIMG0129.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:42:47 PM
Photographer	D. Vanlerberghe
Description	Southern Link pump station influent screening area.

File Name: RIMG0130.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:48:18 PM
Photographer	D. Vanlerberghe
Description	Southern Link pump station pumps.

File Name: RIMG0131.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:49:18 PM
Photographer	D. Vanlerberghe
Description	Southern Link pump station controls and telemetry.



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:49:58 PM
Photographer	D. Vanlerberghe
Description	Southern Link pump station standby generator.

File Name: RIMG0133.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/1/2012 2:55:05 PM
Photographer	D. Vanlerberghe
Description	Southern Link pump station double-walled diesel fuel tank.

File Name: RIMG0134.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/1/2012 2:56:38 PM
Photographer	D. Vanlerberghe
Description	Southern Link pump station building.

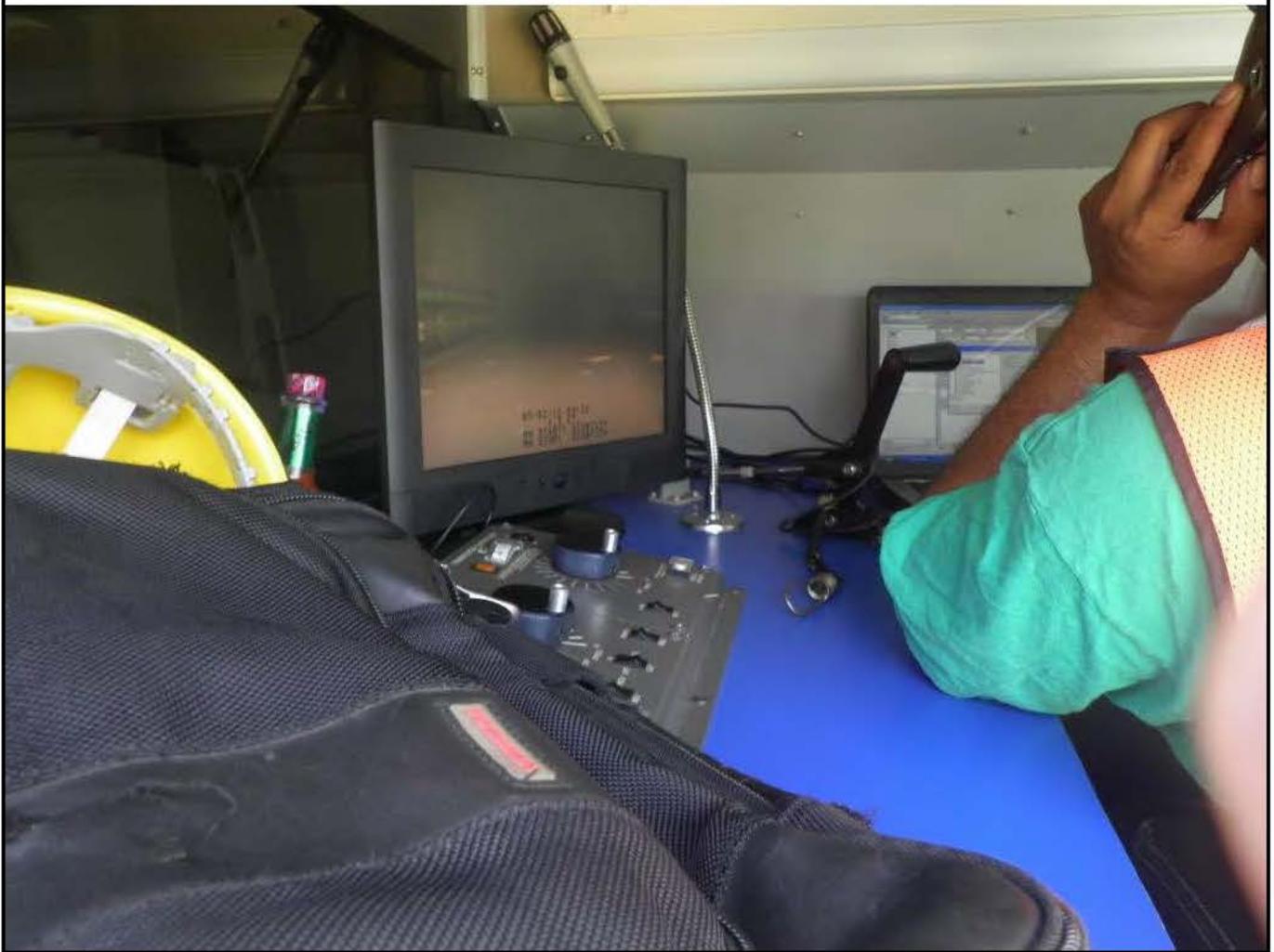
File Name: RIMG0135.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Date Time Stamp	5/2/2012 9:34:10 AM
Photographer	D. Vanlerberghe
Description	CCTV truck and cleaning crews along Route 2 near Agat.

File Name: RIMG0136.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/2/2012 9:54:31 AM
Photographer	D. Vanlerberghe
Description	Inside CCTV truck.



Attributes	
Title	
Subject	
Date Time Stamp	5/2/2012 9:55:43 AM
Photographer	D. Vanlerberghe
Description	Manhole set up with CCTV camera.

File Name: RIMG0138.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/2/2012 10:09:38 AM
Photographer	D. Vanlerberghe
Description	CCTV truck, motorized winch out of service.



Attributes	
Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/2/2012 10:12:14 AM
Photographer	D. Vanlerberghe
Description	Retrieval of CCTV camera from manhole.

File Name: RIMG0140.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/2/2012 10:19:32 AM
Photographer	D. Vanlerberghe
Description	Sewer cleaning crew set-up, cleaning sewer line prior to CCTV televising of sewer line.

File Name: RIMG0141.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/2/2012 10:22:30 AM
Photographer	D. Vanlerberghe
Description	Combination vacator/jetter sewer cleaning truck.

File Name: RIMG0142.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/3/2012 10:46:18 AM
Photographer	D. Vanlerberghe
Description	Talafofo pump station pump gallery, showing one pump out of two out for repair.

File Name: RIMG0143.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/3/2012 10:47:29 AM
Photographer	D. Vanlerberghe
Description	Talafofo pump station wet well.

File Name: RIMG0144.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/3/2012 10:49:07 AM
Photographer	D. Vanlerberghe
Description	Talafofo pump station control room.

File Name: RIMG0145.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Photographer	D. Vanlerberghe
Description	Talafofo pump station standby generator.

File Name: RIMG0146.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/3/2012 10:55:38 AM
Photographer	D. Vanlerberghe
Description	Talafofo pump station fuel tank.

File Name: RIMG0147.JPG



**Attributes**

Title	Guam Waterworks Authority (VP0989)
Subject	CWA Collection System
Date Time Stamp	5/3/2012 10:59:52 AM
Photographer	D. Vanlerberghe
Description	Talafofo pump station building.